Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-3. (canceled)

4. (currently amended) A method for manufacturing a lithium-nickel-cobalt-manganese-containing composite oxide represented by a general formula, $Li_pNi_xMn_{1-x-y}Co_yO_{2-q}F_q$ ~~LipNixMn1-x-yCoyO2-qFq~~ (where $0.98 \leqq p \leqq 1.07$, $0.3 \leqq x \leqq 0.5$, $0.1 \leqq y \leqq 0.38$, and $0 \leqq q \leqq 0.05$) ~~according to claim 1~~, comprising:

a step for synthesizing coagulated particles of a nickel-cobalt-manganese composite hydroxide wherein primary particles obtained by precipitating the nickel-cobalt-manganese composite hydroxide are coagulated to form secondary particles, by supplying an aqueous solution of a nickel-cobalt-manganese salt, an aqueous solution of an alkali-metal hydroxide and an ammonium-ion donor continuously or intermittently to a reaction system, and making the reaction proceed in ~~the~~ a state wherein the temperature of said reaction system is substantially constant within a range between 30 and 70℃, and pH is maintained at a substantially constant value within a range between 10 and 13;

a step for synthesizing coagulated particles of a nickel-cobalt-manganese composite oxyhydroxide by making an oxidant act on said coagulated composite hydroxide particles; and

a step for dry-blending at least said coagulated composite oxyhydroxide particles and a lithium salt, and firing the mixture in an oxygen-containing atmosphere.

5. (original) The method for manufacturing a lithium-nickel-cobalt-manganese-containing composite oxide according to claim 4, wherein the lithium salt is lithium carbonate.

6. (currently amended) A material for a positive electrode active material for a lithium secondary cell consisting of coagulated particles of a nickel-cobalt-manganese composite oxyhydroxide represented by a general formula, $Ni_xMn_{1-x-y}Co_yOOH$ ~~NixMn1-x-yCoyOOH~~ (where $0.3 \leqq x \leqq 0.5$, and $0.1 \leqq y \leqq 0.38$), formed by synthesizing coagulated particles of a nickel-cobalt-manganese composite hydroxide wherein primary particles obtained by precipitating the

nickel-cobalt-manganese composite hydroxide are coagulated to form secondary particles, by supplying an aqueous solution of a nickel-cobalt-manganese salt, an aqueous solution of an alkali-metal hydroxide and an ammonium-ion donor continuously or intermittently to a reaction system, and making the reaction proceed in ~~the~~ a state wherein the temperature of said reaction system is substantially constant within a range between 30 and 70℃, and pH is maintained at a substantially constant value within a range between 10 and 13; and making an oxidant act on said coagulated composite hydroxide particles.

7. (currently amended) The material for a positive electrode active material for a lithium secondary cell according to claim 6, ~~characterized in that the~~ wherein a specific surface area is 4 to 30 m^2/g ~~m2/g~~.

8. (currently amended) The material for a positive electrode active material for a lithium secondary cell according to claim 6, ~~characterized in that the~~ wherein a density of ~~the~~ a compressed powder is 2.0 g/cm^3 ~~g/cm2~~ or more.

9. (currently amended) The material for a positive electrode active material for a lithium secondary cell according to claim 6, ~~characterized in that the~~ wherein a half-value width of ~~the~~ a diffraction peak when 2Θ is $19 \pm 1°$ in X-ray diffraction using Cu-Kα lines is 0.3 to 0.5°.

10. (currently amended) A method for manufacturing the material for a positive electrode active material for a lithium secondary cell represented by a general formula, $Ni_xMn_{1-x-y}Co_yOOH$ ~~NixMn1-x-yCoyOOH~~ (where $0.3 \leqq x \leqq 0.5$, and $0.1 \leqq y \leqq 0.38$), according to claim 6, comprising:

a step for synthesizing the coagulated particles of ~~a~~ the nickel-cobalt-manganese composite hydroxide wherein the primary particles obtained by precipitating the nickel-cobalt-manganese composite hydroxide are coagulated to form the secondary particles, by supplying ~~an~~ the aqueous solution of ~~a~~ the nickel-cobalt-manganese salt, ~~an~~ the aqueous solution of ~~an~~ the alkali-metal hydroxide and ~~an~~ the ammonium-ion donor continuously or intermittently to ~~a~~ the reaction system, and making the reaction proceed in the state wherein the temperature of said reaction system is substantially constant within ~~a~~ the range between 30 and 70℃, and pH is maintained at ~~a~~ the

substantially constant value within ~~a~~ the range between 10 and 13; and

a step for synthesizing coagulated particles of a nickel-cobalt-manganese composite oxyhydroxide by making ~~an~~ the oxidant act on said coagulated composite hydroxide particles.